



## SEQUENCE LISTING

<110> Flicker, Sabine

<120> Group 2 Allergen Specific IgE-fabs and Use Thereof

<130> 25401-4

<140> 10/027,725

<141> 2001-12-21

<150> US 60/259,436

<151> 2000-12-29

<160> 12

<170> PatentIn version 3.1

<210> 1

<211> 342

<212> DNA

<213> Homo sapiens

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aagggcctgg agtggattgg gtacatctat cacagtggga acacctaaa caaccgtcc 180

ctcaagagtc gaattgcat gtcggtagac acgtctgaga acaagttctc cctgaggctg 240

aactctgtga ctgccgcgga cacggccgtg tattactgtg cgagggtaga tggctacact 300

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acctctgtga ctgccgcgga cacggccgtc tattactgtg cgcggtcaga tgggtatact 300

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agctctgtga ctgccgcga cacggccgtg tattactgtg cgaggtcaga tgggtacact 300

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<212> DNA

<213> Homo sapiens

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gcccctaagc tcctgatcta tgctgcatcc agtttgcaaa gtgggggtccc atcaagggtc 180

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<211> 318

<212> DNA

<213> Homo sapiens

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tgccgggcac gtcagagtat tagcacctat ttaaattggt atcagcagaa accggggaag 120

gcccctaagc tcctgatctg tagtgcaccc aatttgcaaa gtgggggtccc atccagggtc 180

agtggcagtg gatctgggac agagttcact ctccacatca gcaatctgca acctgaagac 240

tttgcaagtt actactgtca acagagttac actaccttat ataccttcgg ccctgggacc 300

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<212> DNA

<213> Homo sapiens

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gccctaaac tcctgatcta ttctgcatcc agtttgcaaa gtgggggtccc gtcaagggtc 180

agcggcagtg gatctgggac agatttcagt ctcacatca gcagcctgca gcctgaagat 240

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aaggtggaaa tcaaacga 318

<210> 7

<211> 114

<212> PRT

<213> Homo sapiens

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Leu Glu Ser Gly Pro Gly Leu Val Lys Pro Ala Gln Thr Leu Ser Leu

1 5 10 15

Ser Cys Ala Val Ser Gly Gly Ser Ile Arg Ser Gly Gly Tyr Tyr Trp

20 25 30

Ser Trp Ile Arg Gln His Pro Gly Lys Gly Leu Glu Trp Ile Gly Tyr

35 40 45

Ile Tyr His Ser Gly Asn Thr Tyr Tyr Asn Pro Ser Leu Lys Ser Arg

50

55

60

Ile Ala Met Ser Val Asp Thr Ser Glu Asn Lys Phe Ser Leu Arg Leu

65

70

75

80

Asn Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Leu

85

90

95

Asp Gly Tyr Thr Leu Asp Ile Trp Gly Gln Gly Thr Leu Val Thr Val

100

105

110

Ser Ser

<210> 8

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<212> PRT

<213> Homo sapiens

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Leu Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Gln Thr Leu Ser Leu

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10

15

Thr Cys Thr Val Ser Gly Gly Ser Ile Arg Ser Gly Gly Tyr Tyr Trp

20 25 30

Ser Trp Val Arg Gln Pro Pro Gly Lys Gly Leu Glu Trp Ile Gly Asn

35 40 45

Ile Tyr His Ser Gly Asn Thr Tyr Tyr Asn Pro Ser Leu Lys Ser Arg

50 55 60

Ile Thr Met Ser Val Asp Thr Ser Lys Asn His Phe Ser Leu Arg Leu

65 70 75 80

Thr Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ser

85 90 95

Asp Gly Tyr Thr Leu Asp Asn Trp Gly Gln Gly Thr Leu Val Thr Val

100 105 110

Ser Ser

<210> 9

<211> 114

<212> PRT

<213> Homo sapiens

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1 5 10 15

Thr Cys Thr Val Ser Gly Gly Ser Ile Arg Ser Gly Gly Tyr Tyr Trp

20 25 30

Ser Trp Ile Arg Gln Pro Pro Gly Lys Gly Leu Glu Trp Ile Gly Tyr

35 40 45

Ile Tyr His Ser Gly Asn Thr Tyr Tyr Asn Pro Ser Leu Lys Ser Arg

50 55 60

Val Thr Met Ser Val Asp Thr Ser Lys Asn His Phe Ser Leu Arg Leu

65 70 75 80

Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Ser

85 90 95



Asp Gly Tyr Thr Leu Asp Asn Trp Gly Gln Gly Thr Leu Val Thr Val

100

105

110

Ser Ser

<210> 10

<211> 106

<212> PRT

<213> Homo sapiens

<400> 10

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1

5

10

15

Val Thr Ile Ser Cys Arg Ala Ser Gln Arg Ile Asn Thr Tyr Leu Asn

20

25

30

Trp Tyr Gln His Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile Tyr Ala

35

40

45

Ala Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly Ser Gly

50

55

60

Tyr Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Phe Glu Asp

65                    70                    75                    80

Phe Ala Ser Tyr Tyr Cys Gln Glu Ser Leu Ser Ala Ser Tyr Thr Phe

85                    90                    95

Gly Gln Gly Thr Lys Val Glu Ile Lys Arg

100                    105

<210> 11

<211> 106

<212> PRT

<213> Homo sapiens

<400> 11

Glu Leu Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly Asp Arg

1                    5                    10                    15

Val Thr Ile Thr Cys Arg Ala Arg Gln Ser Ile Ser Thr Tyr Leu Asn

20                    25                    30

Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile Trp Ser

35

40

45

Ala Ser Asn Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly Ser Gly

50

55

60

Ser Gly Thr Glu Phe Thr Leu Thr Ile Ser Asn Leu Gln Phe Glu Asp

65

70

75

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Phe Ala Ser Tyr Tyr Cys Gln Gln Ser Tyr Thr Thr Leu Tyr Thr Phe

85

90

95

Gly Ser Gly Thr Lys Leu Glu Ile Lys Arg

100

105

<210> 12

<211> 106

<212> PRT

<213> Homo sapiens

<400> 12

Glu Leu Thr Gln Ser Pro Ser Ser Val Ser Ala Ser Val Gly Asp Arg

1

5

10

15

Val Thr Ile Thr Cys Arg Ala Ser Gln Gly Ile Ser Ser Trp Leu Ala  
20 25 30

Trp Tyr Gln His Gln Pro Gly Lys Ala Pro Lys Leu Leu Ile Tyr Ser  
35 40 45

Ala Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly Ser Gly  
50 55 60

Tyr Gly Thr Asp Phe Ser Leu Thr Ile Ser Ser Leu Gln Phe Glu Asp  
65 70 75 80

Ser Ala Thr Tyr Tyr Cys Gln Gln Ala Asn Ser Phe Pro Tyr Thr Phe  
85 90 95

Gly Gln Gly Thr Lys Val Glu Ile Lys Arg  
100 105